

AMENDMENTS TO THE ABSTRACT

Please add the following abstract to the end of the application:

A signal processing apparatus comprises a plurality of receiving elements, weighting means, and decoding means. Each of the receiving elements has respective weighting means associated therewith at the decoding means, and is arranged to receive a plurality of signals transmitted from a plurality of transmitters. The weighting means are arranged to apply a complex weighting function to each of a number of the signals received by the receiving elements at a given frequency in order to null the number of signals. The decoding means are arranged to determine a symbol or codeword associated with a non-nulled signal and to incorporate the symbol or codeword in the determination of at least one further symbol or codeword.